

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/577,781
Source: IFwp
Date Processed by STIC: 6/5/06

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IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/577,781

DATE: 06/05/2006

TIME: 10:03:24

Input Set : A:\Sequence Listing 4439-4042.txt

Output Set: N:\CRF4\06052006\J577781.raw

3 <110> APPLICANT: Masayoshi Yamaguchi
 5 <120> TITLE OF INVENTION: Hyperlipidemia/Hyperalbuminemia Model Animal
 7 <130> FILE REFERENCE: 4439-4042
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/577,781
 C--> 9 <141> CURRENT FILING DATE: 2006-04-28
 9 <150> PRIOR APPLICATION NUMBER: JP2003-374098
 10 <151> PRIOR FILING DATE: 2003-11-04
 12 <160> NUMBER OF SEQ ID NOS: 4
 14 <170> SOFTWARE: PatentIn Ver. 2.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 900
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Rattus norvegicus
 21 <220> FEATURE:
 22 <221> NAME/KEY: CDS
 23 <222> LOCATION: (1)..(900)
 25 <400> SEQUENCE: 1
 26 atg tct tcc atc aag att gaa tgt gtt tta agg gag aac tac agg tgt 48
 27 Met Ser Ser Ile Lys Ile Glu Cys Val Leu Arg Glu Asn Tyr Arg Cys
 28 1 5 10 15
 30 ggg gag tcc cct gtg tgg gag gag gca tca aag tgt ctg ctg ttt gta 96
 31 Gly Glu Ser Pro Val Trp Glu Ala Ser Lys Cys Leu Leu Phe Val
 32 20 25 30
 34 gac atc cct tca aag act gtc tgc cga tgg gat tcg atc agc aat cga 144
 35 Asp Ile Pro Ser Lys Thr Val Cys Arg Trp Asp Ser Ile Ser Asn Arg
 36 35 40 45
 38 gtg cag cga gtt gta gat gcc cca gtc agt tca gtg gca ctt cga 192
 39 Val Gln Arg Val Gly Val Asp Ala Pro Val Ser Ser Val Ala Leu Arg
 40 50 55 60
 42 cag tca gga ggc tat gtt gcc acc att gga acc aag ttc tgt gct ttg 240
 43 Gln Ser Gly Gly Tyr Val Ala Thr Ile Gly Thr Lys Phe Cys Ala Leu
 44 65 70 75 80
 46 aac tgg gaa gat caa tca gta ttt atc cta gcc atg gtg gat gaa gat 288
 47 Asn Trp Glu Asp Gln Ser Val Phe Ile Leu Ala Met Val Asp Glu Asp
 48 85 90 95
 50 aag aaa aac aat cga ttc aat gat ggg aag gtg gat cct gct ggg aga 336
 51 Lys Lys Asn Asn Arg Phe Asn Asp Gly Lys Val Asp Pro Ala Gly Arg
 52 100 105 110
 54 tac ttt gct ggt acc atg gct gag gaa acc gcc cca gct gtt ctg gag 384
 55 Tyr Phe Ala Gly Thr Met Ala Glu Glu Thr Ala Pro Ala Val Leu Glu
 56 115 120 125
 58 cgg cac caa ggg tcc ttg tac tcc ctt ttt cct gat cac agt gtg aag 432
 59 Arg His Gln Gly Ser Leu Tyr Ser Leu Phe Pro Asp His Ser Val Lys

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60	130	135	140	
62	aaa tac ttt aac caa gtg gat atc tcc aat ggt ttg gat tgg tcc ctg			480
63	Lys Tyr Phe Asn Gln Val Asp Ile Ser Asn Gly Leu Asp Trp Ser Leu			
64	145	150	155	160
66	gac cat aaa atc ttc tac tac att gac agc ctg tcc tac act gtg gat			528
67	Asp His Lys Ile Phe Tyr Tyr Ile Asp Ser Leu Ser Tyr Thr Val Asp			
68	165	170	175	
70	gcc ttt gac tat gac ctg cca aca gga cag att tcc aac cgc agg act			576
71	Ala Phe Asp Tyr Asp Leu Pro Thr Gly Gln Ile Ser Asn Arg Arg Thr			
72	180	185	190	
74	gtt tac aag atg gaa aaa gat gaa caa atc cca gat gga atg tgc att			624
75	Val Tyr Lys Met Glu Lys Asp Glu Gln Ile Pro Asp Gly Met Cys Ile			
76	195	200	205	
78	gat gtt gag ggg aag ctt tgg gtg gcc tgt tac aat gga gga aga gta			672
79	Asp Val Glu Gly Lys Leu Trp Val Ala Cys Tyr Asn Gly Gly Arg Val			
80	210	215	220	
82	att cgc cta gat cct gag aca ggg aaa aga ctg caa act gtg aag ttg			720
83	Ile Arg Leu Asp Pro Glu Thr Gly Lys Arg Leu Gln Thr Val Lys Leu			
84	225	230	235	240
86	cct gtt gat aaa aca act tca tgc tgc ttt gga ggg aag gat tac tct			768
87	Pro Val Asp Lys Thr Ser Cys Cys Phe Gly Gly Lys Asp Tyr Ser			
88	245	250	255	
90	gaa atg tac gtg aca tgt gcc agg gat ggg atg agc gcc gaa ggt ctt			816
91	Glu Met Tyr Val Thr Cys Ala Arg Asp Gly Met Ser Ala Glu Gly Leu			
92	260	265	270	
94	ttg agg cag cct gat gct ggt aac att ttc aag ata aca ggt ctt ggg			864
95	Leu Arg Gln Pro Asp Ala Gly Asn Ile Phe Lys Ile Thr Gly Leu Gly			
96	275	280	285	
98	gtc aaa gga att gct cca tat tcc tat gca ggg taa			900
99	Val Lys Gly Ile Ala Pro Tyr Ser Tyr Ala Gly			
100	290	295		
103	<210> SEQ ID NO: 2			
104	<211> LENGTH: 299			
105	<212> TYPE: PRT			
106	<213> ORGANISM: Rattus norvegicus			
108	<400> SEQUENCE: 2			
109	Met Ser Ser Ile Lys Ile Glu Cys Val Leu Arg Glu Asn Tyr Arg Cys			
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111	Gly Glu Ser Pro Val Trp Glu Glu Ala Ser Lys Cys Leu Leu Phe Val			
112	20	25	30	
113	Asp Ile Pro Ser Lys Thr Val Cys Arg Trp Asp Ser Ile Ser Asn Arg			
114	35	40	45	
115	Val Gln Arg Val Gly Val Asp Ala Pro Val Ser Ser Val Ala Leu Arg			
116	50	55	60	
117	Gln Ser Gly Gly Tyr Val Ala Thr Ile Gly Thr Lys Phe Cys Ala Leu			
118	65	70	75	80
119	Asn Trp Glu Asp Gln Ser Val Phe Ile Leu Ala Met Val Asp Glu Asp			
120	85	90	95	
121	Lys Lys Asn Asn Arg Phe Asn Asp Gly Lys Val Asp Pro Ala Gly Arg			

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122      100          105          110
123 Tyr Phe Ala Gly Thr Met Ala Glu Glu Thr Ala Pro Ala Val Leu Glu
124      115          120          125
125 Arg His Gln Gly Ser Leu Tyr Ser Leu Phe Pro Asp His Ser Val Lys
126      130          135          140
127 Lys Tyr Phe Asn Gln Val Asp Ile Ser Asn Gly Leu Asp Trp Ser Leu
128 145      150          155          160
129 Asp His Lys Ile Phe Tyr Tyr Ile Asp Ser Leu Ser Tyr Thr Val Asp
130      165          170          175
131 Ala Phe Asp Tyr Asp Leu Pro Thr Gly Gln Ile Ser Asn Arg Arg Thr
132      180          185          190
133 Val Tyr Lys Met Glu Lys Asp Glu Gln Ile Pro Asp Gly Met Cys Ile
134      195          200          205
135 Asp Val Glu Gly Lys Leu Trp Val Ala Cys Tyr Asn Gly Gly Arg Val
136      210          215          220
137 Ile Arg Leu Asp Pro Glu Thr Gly Lys Arg Leu Gln Thr Val Lys Leu
138 225      230          235          240
139 Pro Val Asp Lys Thr Thr Ser Cys Cys Phe Gly Gly Lys Asp Tyr Ser
140      245          250          255
141 Glu Met Tyr Val Thr Cys Ala Arg Asp Gly Met Ser Ala Glu Gly Leu
142      260          265          270
143 Leu Arg Gln Pro Asp Ala Gly Asn Ile Phe Lys Ile Thr Gly Leu Gly
144      275          280          285
145 Val Lys Gly Ile Ala Pro Tyr Ser Tyr Ala Gly
146      290          295
150 <210> SEQ ID NO: 3
151 <211> LENGTH: 24
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer huRC-1
158 <400> SEQUENCE: 3
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162 <210> SEQ ID NO: 4
163 <211> LENGTH: 23
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer huRC-2
170 <400> SEQUENCE: 4
171 ccctccaaag cagcatgaag ttg          23

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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date